

ABSTRACT

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The present invention relates to a method for the scalable monitoring of a computer system comprising a plurality of computer equipment units constituting hardware resources to be monitored forming a monitored domain, the method being implemented by means of a central computer system called a manager connected to a communication network that allows the transfer of information between at least one resource and the manager, the method being characterized in that it comprises:

- a step for breaking the monitored domain down into monitored subdomains comprising a predetermined maximum number of resources,
- a step for automatically creating and configuring, for each subdomain, an information synthesis node comprising at least one synthesis agent stored in the storage means of a resource; each synthesis agent is designed to synthesize indicator values calculated and stored in the storage means of at least one resource, these indicators representing an operational status of the resources of the subdomain and being evaluated by indicator agents installed in these resources, each indicator agent being uniquely identified by the name of the indicator it calculates and by the subdomain in which it is installed and being associated with each synthesis agent using the corresponding indicator value,
- a step for modifying the associations between the synthesis agents and the indicator agents when the predetermined maximum number of resources in a subdomain is reached, in order to accommodate the addition or deletion of indicators so that the new architecture of the monitored domain comprises, in each subdomain, a number of resources lower than the predetermined maximum number of resources.

Fig. 1

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